

P10-1378

Title : Method of determining components of forces experienced by a tire and the self-alignment torque

ABSTRACT

A method of determining at least one characteristic of a tire selected from the three components of a resultant of forces which are exerted by the road on the contact area of a tire and the self-alignment torque generated by the tire, includes the steps of making at least two measurements of circumferential extension or contraction in at least one sidewall of the tire at two fixed points in space, which are situated at different azimuths along the circumference, and based on the measurements deriving a value for the selected characteristic.

Fig. 1